

System Requirements

The system Requirements provides a hierarchy of both nonfunctional and functional requirements that the system will need in order to perform its designated functions. The requirements are separated into categories based on the functions primary user and are again broken down into Nonfunctional and Functional categories.

NONFUNCTIONAL REQUIREMENTS

Nonfunctional requirements refer to behavioral properties that the system must have and affect decisions made during the design of the system. Requirements in category 1 correspond to business hardware and software ability to operate in tandem. Requirements in category 2 correspond to the system's ability to store information on quotes, payments, orders, and customers. Requirements in category 3 correspond to security features. The requirements in category 4 correspond to functions involving any potential cultural and political requirements that come from running a small business.

FUNCTIONAL REQUIREMENTS

Functional requirements relate directly to a process a system has to perform or information that it needs to contain. Requirements in category 1 correspond to business customer's ability to submit a quote request form with required and optional information. Requirements in category 2 correspond to managing the schedule to ensure appointments are made and managed properly. Requirements in category 3 correspond to producing a manager validated schedule for the week. The requirements in category 4 correspond to creating customer profiles for website login and capturing information. The requirements in category 5 correspond to accounting practices.

SYSTEM REQUIREMENTS

Nonfunctional Requirements

1. Operational Requirements

1.1 The system will be backed up every day at Close of Business

1.2 The system will be able to be recovered from backup.

2. Performance Requirements

2.1 The system will process Quote Request

2.2 The system will process customer payments

2.3 The system will store order request

2.4 The system will store customer information in a database

3. Security Requirements

3.1 Only management will have the capability to set/alter availability

3.2 Only management will have the capability to alter calendar events/schedule

Functional Requirements	
1. Quote Request Form	
1.1 Customer will submit for a Quote	
1.2 Customer will upload applicable .jpeg file	
2. Manage Schedule	
2.1 Customer will select an appointment time/date	
2.2 Customer can change appointment time/date	
2.3 Customer can cancel appointment	
3. Produce Schedule	
3.1 Management will check weekly schedule	
3.2 Management will confirm weekly schedule	
3.3 Management will print out weekly schedule	
4. Customer Profile	
4.1 Customer will create a login ID	
4.2 Customer will create a login password	
4.3 Customer will enter payment information	
4.4 Customer will enter contact information	
4.5 Customer will enter address information	
4.6 Customer will update customer information	
4.7 Customer can recover forgotten password	
5. Revenue / Expense Tracking Procedures	
5.1 System will produce reports for a given period of time	
5.2 System will print out reports	
5.3 Management will submit cost	
6. Create Email Campaign	
6.1 System will generate template	
6.2 System will populate customer email list	
7. Product Interaction	
7.1 Customer will view product info	
7.2 Customer will view previous item	
7.3 Customer will navigate to Social Media	
8. Management Inventory	
8.1 System will track ingredients	
8.2 System will generate ingredients	
8.3 Management will update ingredients	